

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L2    | 2    | "6891485".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/05<br>13:01 |
| L3    | 2    | "6985093".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/11/05<br>13:02 |
| L4    | 0    | ((carrier adj recovery)<br>and (turbo adj code\$1)<br>and viterbi).clm.                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | OFF     | 2008/11/05<br>13:14 |
| L5    | 1    | (synchronization and<br>(turbo adj code\$1) and<br>viterbi).clm.                         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | OFF     | 2008/11/05<br>13:14 |
| L6    | 6    | (synchroniz\$5 and<br>(turbo near decod\$31)<br>and viterbi).clm.                        | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR               | OFF     | 2008/11/05<br>13:14 |
| L7    | 0    | (loss\$3 with gain\$3)<br>same transformer same<br>(active with impedance)<br>same modem | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2008/11/05<br>13:14 |
| L8    | 1    | (loss\$3 with gain\$3)<br>same transformer same<br>(active with impedance)<br>and modem  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2008/11/05<br>13:14 |
| L9    | 1    | (loss\$3 with gain\$3)<br>same transformer same<br>(active adj impedance)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR               | ON      | 2008/11/05<br>13:14 |

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| L10 | 3531  | 375/341                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L11 | 4470  | carrier adj (recovery or<br>synchronization) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L12 | 171   | L10 and L11                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L13 | 2061  | 375/326                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L14 | 4930  | turbo adj code\$1                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L15 | 156   | L11 and L14                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L16 | 2304  | 375/344                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L17 | 470   | 455/119                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L18 | 0     | L15 and L17                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L19 | 27452 | shen.in.                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |

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| L20 | 7652  | cameron.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L21 | 9134  | tran.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L22 | 207   | L21 and L20   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L23 | 193   | L19 and L22   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L24 | 59127 | jones.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L25 | 0     | (carrier adj recovery)<br>with reliability with<br>symbol\$1                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L26 | 18    | (carrier adj (recovery or<br>synchronization)) with<br>(turbo adj code\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L27 | 0     | (carrier adj<br>synchronization) with<br>(turbo adj code\$1)                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L28 | 933   | (carrier adj<br>synchronization)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L29 | 66    | (carrier near<br>synchronization) and<br>(soft adj decision) and<br>viterbi | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |

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| L30 | 0    | (carrier near synchronization) with (soft adj decision) and viterbi | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L31 | 130  | (carrier adj recovery) and (turbo adj code\$1)                      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L32 | 785  | 375/240.28  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L33 | 0    | L15 and L32   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L34 | 306  | 375/293   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L35 | 0    | L34 and L15   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L36 | 399  | 348/735   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L37 | 4934 | 375/354   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L38 | 4    | L37 and L15   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L39 | 2304 | 375/344   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |

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| L40 | 852   | 375/364  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |
| L41 | 0     | L36 and L15  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |
| L42 | 41373 | loss with gain<br>transformer with active<br>with impedance                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:14 |
| L43 | 1     | "09/729443"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |
| L44 | 0     | loss with gain with<br>transformer with active<br>with impedance           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:14 |
| L45 | 1     | zero adj trace adj back<br>adj viterbi                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |
| L46 | 2     | L40 and L15  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |
| L47 | 2     | "10/669842"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:14 |
| L48 | 12    | (loss\$3 with gain\$3)<br>same transformer same<br>(active with impedance) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:14 |

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| L49 | 2   | active adj filter adj loss      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:14 |
| L50 | 24  | active adj filter near loss     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:14 |
| L51 | 671 | active with filter with<br>loss | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:14 |
| L52 | 27  | L23 and L24                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |
| L53 | 162 | active adj filter with loss     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:14 |
| L54 | 0   | "PCT/US01/28974"                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |
| L55 | 0   | "PCT/US01/27597"                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |
| L56 | 2   | jafee.in.                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |
| L57 | 0   | L56 and L20                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2008/11/05<br>13:14 |

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| L58 | 1934 | jaffe.in.                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L59 | 0    | "EP986181"                                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L60 | 0    | "FR2724522"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L61 | 13   | "EP 1 009 098"                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L62 | 500  | (carrier adj recovery)<br>and reliability | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L63 | 1    | "EP 891656"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L64 | 91   | L20 and L24                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L65 | 2    | jafee.in.                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L66 | 25   | L20 and L58                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L67 | 2    | "EP 986181"                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |

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| L68 | 3  | GHAZVINIAN.in. and<br>HINEDI.in. and GRIEP.<br>in.                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L69 | 2  | "EP 973292"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L70 | 37 | (carrier near<br>synchronization) and<br>(soft adj decision) with<br>viterbi | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L71 | 15 | "WO 02/37691"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L72 | 15 | "WO 02/19552"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L73 | 14 | "WO 02/41563"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L74 | 3  | "EP 1009098"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L75 | 2  | "EP 843437"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L76 | 2  | "6490010".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L77 | 4  | (carrier adj recovery)<br>with reliability and<br>symbol\$1                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |



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| L78 | 2  | ("5363408"   "5471508").PN.   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2008/11/05<br>13:14 |
| L79 | 19 | (carrier adj recovery)<br>with (low adj (c/n or snr<br>or s/n or (signal adj to<br>adj noise adj ratio))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L80 | 18 | (carrier adj recovery)<br>with (turbo adj code\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L81 | 75 | (carrier adj<br>synchronization) and<br>soft adj decision   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L82 | 2  | "EP 940957"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L83 | 17 | "FR 2724522"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L84 | 14 | "GB 2346782"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:14 |
| L85 | 11 | "EP 1030457"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:15 |
| L86 | 30 | L12 and L14   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:15 |
| L87 | 11 | L13 and L15   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/11/05<br>13:15 |

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| L88 | 9   | L16 and L15   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2008/11/05<br>13:15 |
| L89 | 9   | L39 and L15   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2008/11/05<br>13:15 |
| L90 | 17  | turbo and divsalar.in.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB       | OR | ON  | 2008/11/05<br>13:15 |
| L91 | 126 | (carrier adj recovery)<br>and (turbo adj code\$1)<br>and symbol | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                 | OR | OFF | 2008/11/05<br>13:15 |
| L92 | 2   | "4833693".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:15 |
| L93 | 579 | viterbi and traceback   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:15 |
| L94 | 328 | viterbi with traceback  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:15 |
| L95 | 9   | viterbi with traceback<br>with zero                             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:15 |
| L96 | 6   | viterbi and traceback<br>with zero with depth                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/05<br>13:15 |

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| L97 | 2 | "6034997".pn. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/11/05<br>13:15 |
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